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LELAND E. BROWN, Director

# KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**AGRICULTURAL NEWS:** Temperatures across the State averaged 66 degrees, 12 degrees above normal for this time of year. Rainfall across the State totaled 1.0 inches which was 0.34 inches above normal. Days suitable for fieldwork averaged 2.5 out of a possible seven days with limited fall combining and winter wheat seeding due to wet conditions. As of Friday, October 29, **topsoil moisture** was rated 1 percent very short, 2 percent short, 69 percent adequate, and 28 percent surplus. **Subsoil moisture** was rated 1 percent very short, 9 percent short, 76 percent adequate and 14 percent surplus. Main farming activities for the week included stripping of tobacco, limited corn and soybean harvesting, and fall seeding of wheat.

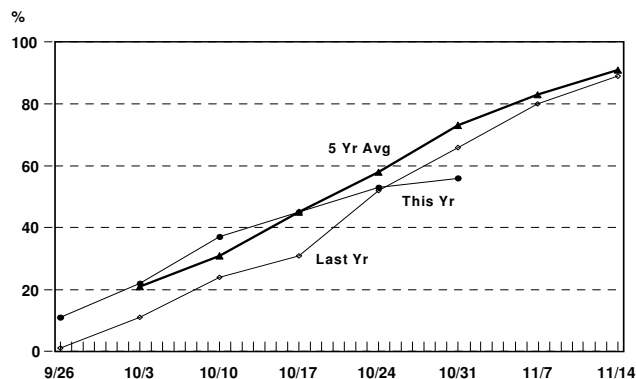
**TOBACCO:** Producers reported that the wet weather has continued to bring their tobacco into case and allowed them to strip their tobacco in most areas. As of Friday, October 29, housed tobacco condition was 1 percent very poor, 4 percent poor, 20 percent fair, 57 percent good, and 18 percent excellent. The **burley** crop already stripped was 33 percent, ahead of last year's 26 percent and the five year average of 29 percent.

**CORN AND SOYBEANS:** The continued wet weather this past week slowed corn and soybean harvesting for a second week. Farmers still report mostly good to excellent corn and soybean yields and quality. As of Sunday, October 31, corn harvested was 95 percent complete, ahead of last year's 93 percent but slightly behind the five year average of 96 percent. Soybean harvest was 56 percent complete, behind last year's 66 percent and behind the five year average of 73 percent.

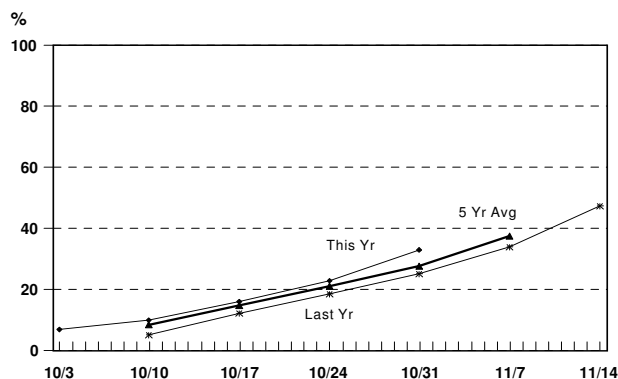
**WHEAT:** The continued rainfall and muddy field conditions have delayed seeding of the 2005 wheat crop. As of Sunday, October 31, 43 percent of the wheat had been seeded, behind 76 percent for last year and 74 percent for the five year average. As of Friday, October 29, fall wheat condition was reported at 1 percent very poor, 1 percent poor, 18 percent fair, 62 percent good, and 18 percent excellent. Producers report that the wheat that has been seeded is germinating well.

**OTHER CROPS:** Range and **pasture** condition was reported at 1 percent very poor, 9 percent poor, 32 percent fair, 48 percent good, and 10 percent excellent. The continued moisture has allowed many producers to leave their livestock out on pasture longer than usual.

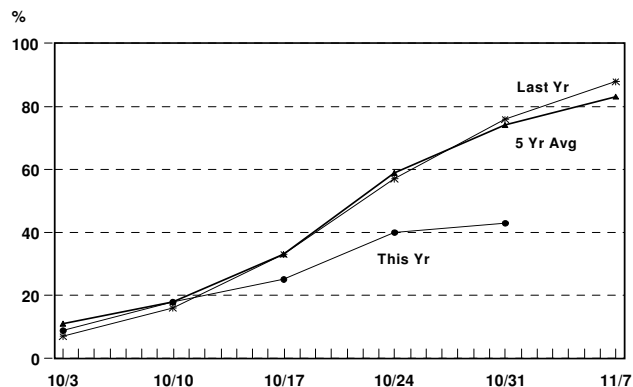
## SOYBEANS HARVESTED PROGRESS



## BURLEY TOBACCO PERCENT STRIPPED



## WHEAT PERCENT SEEDING COMPLETE



**KENTUCKY CROP PROGRESS**  
WEEK ENDING OCTOBER 31, 2004  
WITH COMPARISONS

| Crop Stage              | This Week | Previous Year | 5-Yr. Avg. | Previous Week KY | U.S. |
|-------------------------|-----------|---------------|------------|------------------|------|
| Percentage              |           |               |            |                  |      |
| Soybeans Harvested      | 56        | 66            | 73         | 53               | 80   |
| Corn Harvested          | 95        | 93            | 96         | 92               | 55   |
| Burley Tobacco Stripped | 33        | 26            | 29         | 23               | NA   |
| Wheat Seeded            | 43        | 76            | 74         | 40               | 85   |

(NA) Data Not Available.

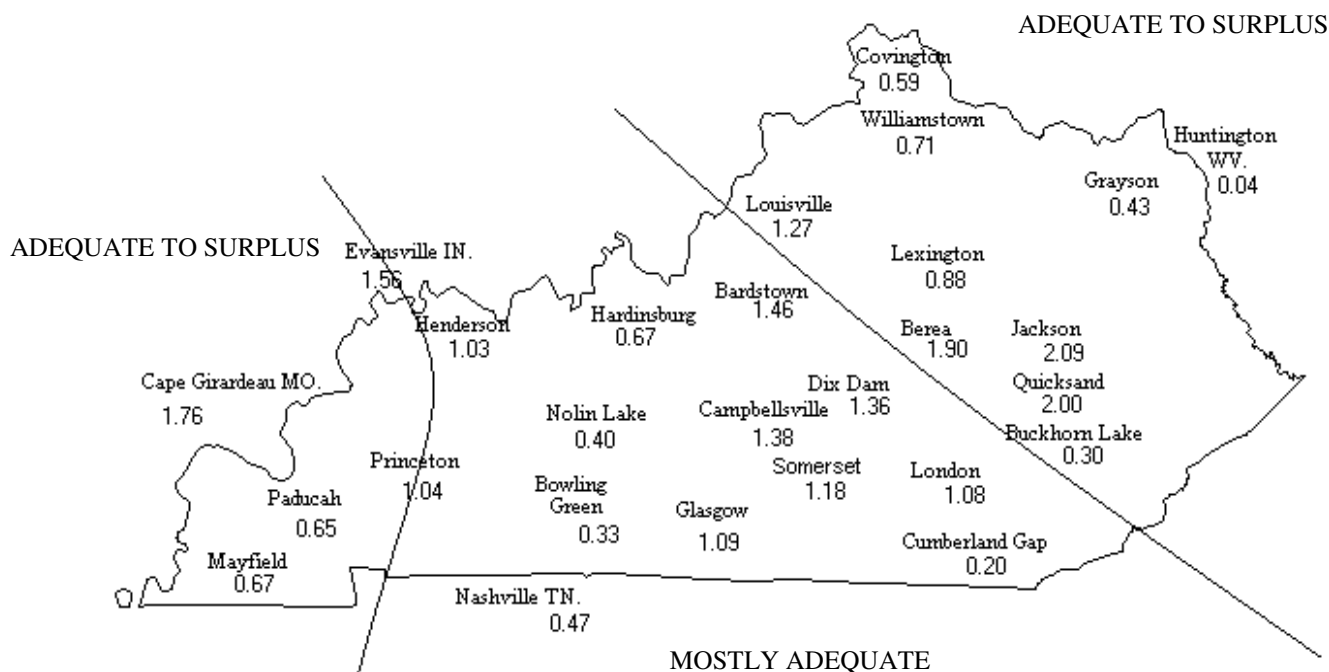
**SOIL MOISTURE**  
WEEK ENDING OCTOBER 29, 2004  
WITH COMPARISONS

|                | This Week | Previous Week |
|----------------|-----------|---------------|
| Percentage     |           |               |
| <b>TOPSOIL</b> |           |               |
| Very Short     | 1         | 1             |
| Short          | 2         | 6             |
| Adequate       | 69        | 63            |
| Surplus        | 28        | 30            |
| <b>SUBSOIL</b> |           |               |
| Very Short     | 1         | 2             |
| Short          | 9         | 12            |
| Adequate       | 76        | 68            |
| Surplus        | 14        | 18            |

**KENTUCKY CROP CONDITIONS (Percent)**

| CROP             | WEEK ENDING OCTOBER 29, 2004 |      |      |      |             | WEEK ENDING OCTOBER 22, 2004 |      |      |      |             |
|------------------|------------------------------|------|------|------|-------------|------------------------------|------|------|------|-------------|
|                  | VERY POOR                    | POOR | FAIR | GOOD | EXCEL- LENT | VERY POOR                    | POOR | FAIR | GOOD | EXCEL- LENT |
| Winter Wheat     | 1                            | 1    | 18   | 62   | 18          | 1                            | 1    | 28   | 44   | 26          |
| Pasture          | 1                            | 9    | 32   | 48   | 10          | 3                            | 10   | 31   | 47   | 9           |
| Stripped Tobacco | 1                            | 4    | 20   | 57   | 18          | 0                            | 3    | 23   | 58   | 16          |

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 31, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 29, 2004**



**KENTUCKY WEATHER SUMMARY, OCTOBER 25 - 31, 2004:**  
**ABOVE NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION:**

The week began on a bright note as high pressure was in control. Highs on Monday were in the 70's and 80's with Paducah setting a record high of 83. Clouds, fog, and rain moved in across the State for the majority of the week due to a stalled warm front. By Friday the front moved north of Kentucky. Brisk southwesterly winds brought unseasonably warm air to the region. Lows on Friday morning were in the middle to upper 60's, which were nearly 20 degrees above normal. A cold front swept across the State early Saturday bringing one more batch of showers for the week. Temperatures returned to near normal level by Sunday as more clouds rolled in ahead of the next weather system. This is the third consecutive week of above normal precipitation. It is the second for above normal temperatures.

Temperatures for the period averaged 66 degrees across the State which was 12 degrees above normal. High temperatures averaged from 76 degrees in the West to 74 degrees in the East. Departure from normal high temperatures ranged from 9 degrees above normal in the West to 11 degrees above normal in the East. Low temperatures averaged from 58 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 14 degrees above normal in the West to 16 degrees above normal in the East. The extreme high temperature was 83 degrees in Glasgow, Henderson, Paducah, and Princeton. The extreme low temperature was 42 degrees in Covington.

Rainfall for the period totaled 1.00 inches statewide which was 0.34 inches above normal. Precipitation totals by climate division, West 1.12 inches, Central 0.87 inches, Bluegrass 1.10 inches and East 0.91 inches, which was 0.43, 0.21, 0.48 and 0.24 inches respectively above normal. By station, precipitation totals ranged from a low of 0.33 inches at Bowling Green to a high of 2.09 inches at Jackson.

Tom Priddy

**KENTUCKY TEMPERATURES AND RAINFALL**  
**FOR WEEK ENDING SUNDAY, OCTOBER 31, 7:00 P.M.**

| Weather Station | Rainfall  |               |               | Deviation From       |                 | Air Temperature |     |           |                | Relative Humidity |    |
|-----------------|-----------|---------------|---------------|----------------------|-----------------|-----------------|-----|-----------|----------------|-------------------|----|
|                 | Last Week | Since April 1 | Last Four Wks | Norm Since Apr. 1    | Norm Last 4 Wks | High            | Low | Wkly Avg. | Dev. From Norm | Average           |    |
|                 | (Inches)  |               |               | (Degrees Fahrenheit) |                 |                 |     |           |                |                   |    |
| Bardstown       | 1.46      | 41.51         | 5.85          | +14.80               | +3.53           | 79              | 44  | 65.4      | +12            | 96                | 53 |
| Berea           | 1.90      | 39.29         | 5.44          | +11.06               | +2.91           | 78              | 48  | 65.2      | +14            | 93                | 58 |
| Bowling Green   | 0.33      | 34.93         | 5.54          | +6.51                | +2.81           | 82              | 45  | 67.1      | +14            | --                | -- |
| Bristol         | 0.93      | 30.38         | 3.33          | +6.30                | +0.99           | 77              | 43  | 63.7      | +12            | --                | -- |
| Buckhorn Lake   | 0.30      | 29.29         | 2.90          | +2.31                | +0.35           | 79              | 46  | 65.6      | +14            | --                | -- |
| Cape Girardeau  | 1.76      | 26.64         | 5.03          | -0.05                | +2.32           | 81              | 46  | 67.6      | +12            | --                | -- |
| Campbellsville  | 1.38      | 35.11         | 4.96          | +3.29                | +2.11           | 81              | 46  | 67.6      | +14            | 96                | 57 |
| Covington       | 0.59      | 31.60         | 6.08          | +6.40                | +3.50           | 78              | 42  | 62.1      | +10            | --                | -- |
| Cumberland Gap  | 0.20      | 23.67         | 2.40          | -5.46                | -0.58           | 79              | 46  | 65.6      | +14            | 96                | 54 |
| Dix Dam         | 1.36      | 37.20         | 5.60          | +9.44                | +3.02           | 78              | 46  | 64.6      | +13            | --                | -- |
| Evansville      | 1.56      | 26.60         | 5.63          | +1.35                | +3.04           | 82              | 46  | 64.9      | +10            | --                | -- |
| Glasgow         | 1.09      | 34.78         | 5.05          | +4.33                | +2.33           | 83              | 44  | 69.0      | +16            | 99                | 59 |
| Grayson         | 0.43      | 33.38         | 3.54          | +7.30                | +0.84           | 78              | 45  | 63.9      | +12            | 96                | 54 |
| Hardinsburg     | 0.67      | 29.71         | 3.99          | +1.49                | +1.24           | 81              | 45  | 65.6      | +12            | 95                | 56 |
| Henderson       | 1.03      | 27.13         | 4.91          | +1.03                | +2.40           | 83              | 45  | 66.0      | +11            | 96                | 54 |
| Huntington      | 0.04      | 31.39         | 2.66          | +5.20                | -0.01           | 78              | 43  | 63.8      | +12            | --                | -- |
| Jackson         | 2.09      | 43.76         | 4.53          | +15.67               | +1.90           | 79              | 51  | 65.8      | +14            | --                | -- |
| Lexington       | 0.88      | 42.58         | 6.82          | +15.87               | +4.50           | 78              | 46  | 63.8      | +12            | --                | -- |
| London          | 1.08      | 39.90         | 3.73          | +13.79               | +1.24           | 79              | 45  | 65.9      | +14            | --                | -- |
| Louisville      | 1.27      | 39.96         | 8.69          | +13.73               | +6.24           | 81              | 46  | 64.8      | +12            | --                | -- |
| Mayfield        | 0.67      | 18.60         | 4.58          | -10.73               | +1.32           | 79              | 46  | 65.6      | +10            | 96                | 54 |
| Nashville       | 0.47      | 33.08         | 4.74          | +6.80                | +2.37           | 83              | 51  | 69.4      | +16            | --                | -- |
| Nolin Lake      | 0.40      | 31.58         | 4.46          | +1.46                | +1.60           | 82              | 45  | 66.7      | +14            | --                | -- |
| Paducah         | 0.65      | 21.02         | 4.78          | -7.20                | +2.07           | 83              | 47  | 68.9      | +14            | 92                | 49 |
| Princeton       | 1.04      | 28.18         | 4.03          | -0.11                | +1.28           | 83              | 48  | 69.6      | +14            | 98                | 52 |
| Quicksand       | 2.00      | 37.76         | 4.19          | +9.67                | +1.56           | 79              | 46  | 65.6      | +14            | 96                | 54 |
| Somerset        | 1.18      | 37.12         | 4.95          | +7.38                | +2.00           | 80              | 47  | 67.0      | +15            | 96                | 54 |
| Spindletop      | 1.17      | 34.80         | 5.64          | +8.09                | +3.32           | 77              | 46  | 63.4      | +12            | 93                | 55 |
| Williamstown    | 0.71      | 29.66         | 6.41          | +2.89                | +3.71           | 78              | 44  | 62.8      | +11            | 96                | 54 |

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

# Crop Progress and Condition

Week Ending October 24, 2004

## Corn Percent Harvested

| State  | Oct 24<br>2004 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
|--|----------------|--------------|--------------|-------------|
| CO   | 37             | 29           | 73           | 57          |
| IL   | 81             | 74           | 76           | 79          |
| IN   | 72             | 60           | 47           | 60          |
| IA   | 47             | 30           | 71           | 68          |
| KS   | 81             | 73           | 91           | 91          |
| <b>KY</b>  | <b>92</b>      | <b>88</b>    | <b>87</b>    | <b>92</b>   |
| MI   | 34             | 19           | 24           | 39          |
| MN   | 28             | 14           | 85           | 68          |
| MO   | 81             | 78           | 87           | 88          |
| NE   | 45             | 31           | 54           | 65          |
| NC   | 99             | 97           | 98           | 91          |
| ND   | 9              | 4            | 80           | 58          |
| OH   | 48             | 38           | 31           | 43          |
| PA   | 55             | 53           | 36           | 45          |
| SD   | 21             | 14           | 63           | 53          |
| TN   | 99             | 97           | 97           | 99          |
| TX   | 92             | 91           | 95           | 97          |
| WI   | 26             | 13           | 47           | 43          |
| ALL  | 55             | 44           | 67           | 68          |
| These 18 States harvested 94% of last year's corn acreage. |                |              |              |             |

## Soybeans Percent Harvested

| State   | Oct 24<br>2004 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg. |
|---|----------------|--------------|--------------|--------------|
| AR  | 63             | 60           | 57           | 57           |
| IL  | 81             | 78           | 87           | 86           |
| IN  | 87             | 82           | 78           | 81           |
| IA  | 95             | 91           | 97           | 94           |
| KS  | 73             | 61           | 49           | 75           |
| <b>KY</b>   | <b>53</b>      | <b>45</b>    | <b>52</b>    | <b>58</b>    |
| LA  | 83             | 72           | 79           | 84           |
| MI  | 65             | 52           | 83           | 71           |
| MN  | 91             | 59           | 99           | 94           |
| MS  | 97             | 96           | 91           | 86           |
| MO  | 57             | 47           | 53           | 67           |
| NE  | 91             | 80           | 92           | 91           |
| NC  | 12             | 10           | 12           | 16           |
| ND  | 81             | 79           | 99           | 94           |
| OH  | 73             | 70           | 77           | 79           |
| SD  | 90             | 76           | 96           | 91           |
| TN  | 45             | 44           | 43           | 48           |
| WI  | 67             | 57           | 88           | 78           |
| ALL   | 80             | 71           | 82           | 82           |
| These 18 States harvested 96% of last year's soybean acreage. |                |              |              |              |

## Winter Wheat Percent Planted

| State  | Oct 24<br>2004 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg. |
|--|----------------|--------------|--------------|--------------|
| AR   | 17             | 11           | 48           | 38           |
| CA   | 19             | 10           | 17           | 18           |
| CO   | 100            | 100          | 100          | 100          |
| ID   | 94             | 89           | 98           | 94           |
| IL   | 61             | 51           | 73           | 80           |
| IN   | 76             | 66           | 80           | 77           |
| KS   | 88             | 80           | 90           | 92           |
| MI   | 93             | 84           | 89           | 90           |
| MO   | 39             | 27           | 62           | 64           |
| MT   | 99             | 98           | 99           | 96           |
| NE   | 98             | 96           | 100          | 100          |
| NC   | 24             | 19           | 26           | 27           |
| OH   | 82             | 74           | 83           | 86           |
| OK   | 89             | 81           | 91           | 85           |
| OR   | 85             | 80           | 73           | 71           |
| SD   | 97             | 94           | 99           | 97           |
| TX   | 82             | 71           | 83           | 77           |
| WA   | 98             | 95           | 99           | 98           |
| ALL  | 85             | 78           | 87           | 85           |
| These 18 States planted 91% of last year's winter wheat acreage. |                |              |              |              |

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.